PTO/SB/08A (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necossary)

| Complete if Known | | | | |
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| Application Number | 10/797,767 | | | |
| Filing Date | 03/10/2004 | | | |
| First Named Inventor | Patrick J. Helland | | | |
| Art Unit | Unknown 7135 | | | |
| Examiner Name | Unknown Randel M. Merca | | | |
| Attorney Docket Number | MS307035 1/MSETP566US | $\overline{}$ | | |

| Examiner | Cite No. | Document Number | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where | |
|--------------|--|---|------------------|-----------------------------|---|--|
| Initials* No | | Number-Kind Code ^{2 (7 known)} | MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Relevant Figures Appear | |
| /RM/ | | ^{US-} 2003/0217288 | 11-20-2003 | Guo et al. | | |
| 1 | | ^{US-} 2003/0194093 | 10-16-2003 | Evans et al. | | |
| | | us- 2002/0049900 | 04-25-2002 | Patrick | • | |
| 1/ | | ^{US-} 6,134,658 | 10-17-2000 | Multerer, et al. | | |
| V | | ^{US-} 5,790,677 | 08-04-1998 | Fox, et al. | | |
| /RM/ | | ^{US-} 2003/0074579 | 04-17-2003 | Della-Libera, et al. | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
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| | Cite No. | Foreign Patent Document | | | Pages, Columns, Lines, Where Relevent Passages | | | |
| | | Country Code ³ "Number ⁴ "Kind Code ⁸ (# known) | MM-DD-YYYY | Applicant of Cited Document | Or Relevant Figures Appear | | | |
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| Examiner Signature | /Randal Moran/ | Date Considered | 05/03/2007 |
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| 0110111 | | | | Application Number | 10/797,767 |
| INF | ORMATION | N DIS | CLOSURE | Filing Date | 03/10/2004 |
| STA | TEMENT | BY A | PPLICANT | First Named Inventor | Patrick J. Helland |
| | (Use as many sh | oote ee e | occasional . | Art Unit | Unknown 7135 |
| | (Use as many sn | 10012 93 11 | ecessary) | Examiner Name | Unknown Randel P. Mara |
| Sheet | 2 | of | 2 | Attorney Docket Number | MS307035.1/MSFTP566US |

| | | NON PATENT LITERATURE DOCUMENTS | |
|-----------------------|--------------|---|----------------|
| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| /RM/ | | MAURIZIO KLIBAN BOYARSKY, Public-key Cryptography and Password Protocols: The Multi- User Case, CCS'99, 1999, pp. 63-72, Singapore. | · |
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| Examiner Signature | /Randal Moran/ | Date Considered | 05/03/2007 |
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| Substitute for form 1449A/PTO | | | | Complete If Known | | | |
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| SUPPLEMENTAL INFORMATION | | | TION | Application Number | 10/797,767 | | |
| DISCLOSURE STATEMENT BY APPLICANT | | Filing Date | 03/10/2004 | | | | |
| | | First Named Inventor | Patrick J. Helland | | | | |
| | | | | Art Unit | Unknown 2135 | | |
| (| (us u as many s | LIREIZ RZ | i necessary) | Examiner Name | Unknown Rendel O. Meron | | |
| Sheet | 1 | of | 2 | Attorney Docket Number | MS307035.1/MSFTP566US | | |

| | | | U.S. PAT | ENT DOCUMENTS | |
|--------------|------|---|--------------------------------|--|---|
| | No.1 | Document Number Number - Kind Code ² (If known | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| /RM/ | | US- 2003/0226017 | 12-04-2003 | Palekar et al. | |
| | | US- 2003/0208677 | 11-06-2003 | Ayyagari et al. | |
| \mathbf{M} | | US- 2003/0021416 | 01-30-2003 | Brown et al. | · |
| V | | us- 2003/0016653 | 01-23-2003 | Davis | |
| /RM/ | | US- 5,689,565 | 11-18-1997 | Spies et al. | |
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| Examiner Initials | Cite No.1 | Foreign Patent Document Country Code 3 - Number 4 - Kind Code 9 (# known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Т | | | |
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| Examiner Signature | /Randal Moran/ | Date Considered | 05/03/2007 |
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| SUPPLE | MENTAL INSC | PMAT | rion . | Application Number | 10/797,767 | |
| SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT | | | | Filing Date | 03/10/2004 | |
| | | | | First Named Inventor | Patrick J. Helland | |
| BY APPLICANT | | Group Art Unit | Unknown Z135 | | | |
| | (use as many sl | neets a | s necessary) | Examiner Name | Unknown Randel O. Moron | |
| Sheet | 2 | of | 2 | Attorney Docket Number | MS307035.1/MSFTP566US | |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | | | | |
|---|--------------|---|--------------|--|--|--|
| Examiner Initials | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T | | | |
| /RM/ | | EMMANUEL BRESSON, et al., Provably Authenticated Group Diffie-Hellman Key Exchange, CCS'01, 2001, pp. 255-264, Philadelphia, Pennsylvania, USA. | | | | |
| /RM/ | | ALAIN MAYER, et al., Secure Protocol Transformation via "Expansion": From Two-party to Groups, CCS 199, 1999, pp. 83-92, Singapore. | | | | |
| /RM/ | | YULIANG ZHENG, et al., Compact and Unforgeable Key Establishment over an ATM Network, Monash University, 1998, 8 pages. | | | | |
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| Examiner | /Randal Moran/ | Date | 05/02/2007 |
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| Signature | | Considered | 05/03/2007 |

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